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ABSTRACT

The Virginia Community College System (VCCS) conducted a study of city and county population penetration rates, or the percentages of residents served by VCCS colleges. Using total in-state enrollment for fall 1997, the study found that the percentage of Virginia's population served by the VCCS increased to 1.82%, returning the system to the 1995-96 participation level. In the data tables provided, fall headcount is limited to college service region enrollments. Total population is based on projections developed by the State Data Center, Virginia Employment Commission (June 1993). The within-region penetration rate for the VCCS is 1.67%, up from 1.61% in 1996.. These rates are higher for colleges in the southwestern part of the state, the highest being 3.5% for Southwest Virginia Community College. Virginia's penetration rate nearly equals the national rate of 2.0%. Data tables of penetration rates are provided for the following VCCS colleges: Blue Ridge, Central Virginia, D.S. Lancaster, Danville, Eastern Shore, Germanna, J.S. Reynolds, John Tyler, Lord Fairfax, Mountain Empire, New River, Northern Virginia, Patrick Henry, Paul D. Camp, Piedmont VA, Rappahannock, Southside WV, Southwest VA, Thomas Nelson, Tidewater, Virginia Highlands, Virginia Western, and Wytheville. (YKH)

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ED 419 557

VIRGINIA COMMUNITY COLLEGE SYSTEM

Research Report Series

Population Penetration Rates
By City and County
Fall Term 1997

JC980242

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Population Penetration Rates
By City and County
Fall Term 1997

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January 1998

Using total in-state enrollment, the percentage of Virginia's population served by the VCCS increased this fall to 1.82, returning the system to the 1995-96 participation level.

In the tables, fall headcount (mid-term) is limited to colleges' service region enrollments. Total population is based on projections developed by the State Data Center, Virginia Employment Commision (June 1993). Penetration is headcount as a percentage of the total population. The within-region rate for the VCCS is 1.67, up from 1.61 percent last year. This rate is most comparable to college service region rates. Within-region rates are generally higher for colleges in the southwestern part of the state, the highest being 3.5 percent for Southwest Virginia Community College.

Using the most recent information for national and regional comparisons, Virginia's rate is the same as that for two-year colleges in the SREB states, 1.9 percent, and nearly equals the national rate, 2.0 percent. Total enrollments are used for these comparisons.

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=BLUE RIDGE

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
AUGUSTA COUNTY	57,128	923	1.62
HARRISONBURG CITY	33,036	344	1.04
HIGHLAND COUNTY	2,468	12	0.49
ROCKINGHAM COUNTY	60,680	647	1.07
STAUNTON CITY	24,566	318	1.29
WAYNESBORO CITY	18,795	183	0.97
REGION	196,673	2,427	1.23

$ indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=CENTRAL VIRGINIA

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
AMHERST COUNTY	28,947	570	1.97
APPOMATTOX COUNTY	12,799	213	1.66
BEDFORD CITY	6,112	56	0.92
BEDFORD COUNTY	52,276	577	1.10
CAMPBELL COUNTY	48,499	977	2.01
LYNCHBURG CITY	66,295	1,220	1.84
REGION	214,928	3,613	1.68

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=D. S. LANCASTER

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ALLEGHANY COUNTY		12,680	302	2.38
BATH COUNTY		4,588	146	3.18
BOTETOURT COUNTY	S	13,020	93	0.71
BUENA VISTA CITY		6,259	171	2.73
CLIFTON FORGE CITY		4,412	119	2.70
COVINGTON CITY		6,484	154	2.38
LEXINGTON CITY		6,992	51	0.73
ROCKBRIDGE COUNTY		18,670	326	1.75
REGION		73,105	1,362	1.86

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=DANVILLE

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
DANVILLE CITY		52,663	1,049	1.99
HALIFAX COUNTY	S	14,182	752	5.30
PITTSYLVANIA COUNTY		55,541	1,346	2.42
SOUTH BOSTON CITY	S	3,539	111	3.14
REGION		125,925	3,258	2.59

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=EASTERN SHORE

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ACCOMACK COUNTY	32,200	451	1.40
NORTHAMPTON COUNTY	12,662	204	1.61
REGION	44,862	655	1.46

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=GERMANNA

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CAROLINE COUNTY		20,127	173	0.86
CULPEPER COUNTY		32,329	390	1.21
FREDERICKSBURG CITY		20,050	407	2.03
KING GEORGE COUNTY	S	7,638	101	1.32
MADISON COUNTY		13,264	124	0.93
ORANGE COUNTY		23,533	246	1.05
SPOTSYLVANIA COUNTY		70,558	1,215	1.72
STAFFORD COUNTY		77,202	667	0.86
REGION		264,701	3,323	1.26

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=J S. REYNOLDS

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
GOOCHLAND COUNTY		16,236	257	1.58
HANOVER COUNTY		73,684	1,374	1.86
HENRICO COUNTY		238,927	3,502	1.47
LOUISA COUNTY	S	10,964	96	0.88
POWHATAN COUNTY		17,637	133	0.75
RICHMOND CITY		196,173	2,214	1.13
REGION		553,621	7,576	1.37

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=JOHN TYLER

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
AMELIA COUNTY	9,283	78	0.84
CHARLES CITY COUNTY	6,151	16	0.26
CHESTERFIELD COUNTY	249,083	2,712	1.09
COLONIAL HEIGHTS CITY	15,817	223	1.41
DINWIDDIE COUNTY	22,729	127	0.56
HOPEWELL CITY	22,904	230	1.00
PETERSBURG CITY	35,944	285	0.79
PRINCE GEORGE COUNTY	28,749	211	0.73
SURRY COUNTY	6,327	14	0.22
SUSSEX COUNTY	9,909	27	0.27
REGION	406,896	3,923	0.96

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=LORD FAIRFAX

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CLARKE COUNTY	13,441	148	1.10
FAUQUIER COUNTY	58,508	312	0.53
FREDERICK COUNTY	52,867	1,111	2.10
PAGE COUNTY	23,086	103	0.45
RAPPAHANNOCK COUNTY	7,101	77	1.08
SHENANDOAH COUNTY	34,030	539	1.58
WARREN COUNTY	29,575	473	1.60
WINCHESTER CITY	23,479	380	1.62
REGION	242,087	3,143	1.30

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=MOUNTAIN EMPIRE

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
DICKENSON COUNTY	S	8,378	267	3.19
LEE COUNTY		24,066	546	2.27
NORTON CITY		4,030	144	3.57
SCOTT COUNTY		22,606	478	2.11
WISE COUNTY		38,286	1,280	3.34
REGION		97,366	2,715	2.79

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=NEW RIVER

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
FLOYD COUNTY	12,314	184	1.49
GILES COUNTY	16,193	324	2.00
MONTGOMERY COUNTY	77,938	1,091	1.40
PULASKI COUNTY	34,291	703	2.05
RADFORD CITY	16,833	471	2.80
REGION	157,569	2,773	1.76

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=NORTHERN VA.

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ALEXANDRIA CITY	118,693	4,162	3.51
ARLINGTON COUNTY	177,285	2,827	1.59
FAIRFAX CITY	19,963	682	3.42
FAIRFAX COUNTY	932,676	13,153	1.41
FALLS CHURCH CITY	9,947	1,380	13.87
LOUDOUN COUNTY	104,648	1,997	1.91
MANASSAS CITY	33,649	492	1.46
MANASSAS PARK CITY	8,096	151	1.87
PRINCE WILLIAM COUNTY	259,521	5,139	1.98
REGION	1,664,478	29,983	1.80

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=PATRICK HENRY

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
FRANKLIN COUNTY	S	21,028	216	1.03
HENRY COUNTY		56,710	1,345	2.37
MARTINSVILLE CITY		15,552	437	2.81
PATRICK COUNTY		17,495	319	1.82
REGION		110,785	2,317	2.09

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=PAUL D CAMP

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
FRANKLIN CITY		8,093	361	4.46
ISLE OF WIGHT COUNTY		28,889	207	0.72
SOUTHAMPTON COUNTY		17,304	221	1.28
SUFFOLK CITY	S	28,667	492	1.72
REGION		82,953	1,281	1.54

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=PIEDMONT VA.

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ALBEMARLE COUNTY		75,888	1,417	1.87
BUCKINGHAM COUNTY	S	6,617	65	0.98
CHARLOTTESVILLE CITY		40,717	916	2.25
FLUVANNA COUNTY		13,896	397	2.86
GREENE COUNTY		12,282	298	2.43
LOUISA COUNTY	S	10,964	235	2.14
NELSON COUNTY		13,148	185	1.41
REGION		173,512	3,513	2.02

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=RAPPAHANNOCK

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ESSEX COUNTY		8,768	108	1.23
GLOUCESTER COUNTY		36,434	357	0.98
KING AND QUEEN COUNTY		6,577	93	1.41
KING GEORGE COUNTY	S	7,638	175	2.29
KING WILLIAM COUNTY		12,167	172	1.41
LANCASTER COUNTY		11,458	140	1.22
MATHEWS COUNTY		8,652	119	1.38
MIDDLESEX COUNTY		9,185	188	2.05
NEW KENT COUNTY		11,967	83	0.69
NORTHUMBERLAND COUNTY		11,115	132	1.19
RICHMOND COUNTY		7,483	158	2.11
WESTMORELAND COUNTY		16,131	210	1.30
REGION		147,575	1,935	1.31

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=SOUTHSIDE VA.

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BRUNSWICK COUNTY		16,186	372	2.30
BUCKINGHAM COUNTY	S	6,617	140	2.12
CHARLOTTE COUNTY		11,483	323	2.81
CUMBERLAND COUNTY		8,054	91	1.13
EMPORIA CITY		5,214	58	1.11
GREENSVILLE COUNTY		9,877	211	2.14
HALIFAX COUNTY	S	14,182	352	2.48
LUNENBURG COUNTY		11,137	289	2.59
MECKLENBURG COUNTY		29,063	695	2.39
NOTTOWAY COUNTY		15,139	310	2.05
PRINCE EDWARD COUNTY		17,793	330	1.85
SOUTH BOSTON CITY	S	3,539	59	1.67
REGION		148,284	3,230	2.18

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=SOUTHWEST VA.

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BUCHANAN COUNTY		29,021	1,077	3.71
DICKENSON COUNTY	S	8,378	266	3.17
RUSSELL COUNTY		27,347	775	2.83
TAZEWELL COUNTY		43,836	1,703	3.88
REGION		108,582	3,821	3.52

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=THOMAS NELSON

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
HAMPTON CITY	139,681	1,988	1.42
JAMES CITY COUNTY	41,550	315	0.76
NEWPORT NEWS CITY	180,880	2,365	1.31
POQUOSON CITY	12,331	201	1.63
WILLIAMSBURG CITY	12,262	130	1.06
YORK COUNTY	47,428	718	1.51
REGION	434,132	5,717	1.32

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=TIDEWATER

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CHESAPEAKE CITY		178,165	3,311	1.86
NORFOLK CITY		257,603	2,445	0.95
PORTSMOUTH CITY		103,239	1,577	1.53
SUFFOLK CITY	S	28,667	453	1.58
VIRGINIA BEACH CITY		457,080	7,697	1.68
REGION		1,024,754	15,483	1.51

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=VA. HIGHLANDS

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BRISTOL CITY		18,045	270	1.50
SMYTH COUNTY	S	16,610	324	1.95
WASHINGTON COUNTY		45,557	1,009	2.21
REGION		80,212	1,603	2.00

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=VIRGINIA WESTERN

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BOTETOURT COUNTY	S	13,020	483	3.71
CRAIG COUNTY		4,684	102	2.18
FRANKLIN COUNTY	S	21,028	685	3.26
ROANOKE CITY		94,255	1,942	2.06
ROANOKE COUNTY		82,322	2,244	2.73
SALEM CITY		23,507	653	2.78
REGION		238,816	6,109	2.56

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=WYTHEVILLE

CITY/COUNTY		TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BLAND COUNTY		6,576	158	2.40
CARROLL COUNTY		26,292	465	1.77
GALAX CITY		6,749	166	2.46
GRAYSON COUNTY		16,105	270	1.68
SMYTH COUNTY	S	16,610	343	2.07
WYTHE COUNTY		25,415	724	2.85
REGION		97,747	2,126	2.18

S indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=VCCS

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
VCCS	6,689,563	111,886	1.67

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